

## MORENCI.

A representative of the ERA had the pleasure of visiting the hustling little city of Morenci just over the hill last Saturday for the first time, and to say that he was very agreeably surprised to find such a busy burg is putting it mildly. Through the kindness of Mr. Morris E. Thorpe, the genial superintendent of the Morenci Water company, he was shown around and introduced to many prominent business men of the place. Among the places worthy of note through which the ERA man was kindly conducted was the great concentrating plant of the Detroit Copper Mining Co., on the north side, which is nearing completion. This plant, when completed, will be the largest of the kind in America, and probably the largest in the world.

As the writer has never had any experience in writing descriptive articles of mining machinery, or plants for the separation of metals from rock, he will only undertake, at this time, to give the readers of the ERA a few of the minute details of the immense works which are most wonderful to behold.

To start with, there are five levels, or stories, to the building in which the machinery is being placed. The works are about half a mile north of the smelter on the opposite side of the mountain. All the machinery is made of the very finest rolled steel. The main shafts are set in solid masonry, the levels having been made in the side of the mountain where the incline is about 45 degrees. Six large gas engines of one hundred horse power each will furnish the power to run the mill proper. The engines will be on the fourth level from the bottom. There are also two twenty-five horse-power gas engines on the fifth level which will run the crushers. There will be twenty-eight large vanners and thirty-two jigs. The company will manufacture its own gas and the large gas mains are now in position throughout the works, as are also the water mains. The company has put in a new battery of boilers at their pumping station on the San Francisco river, six miles distant, for the purpose of increasing the water supply. The Morenci Water company will furnish the necessary water for fire protection and drinking purposes. Hydrants with hose connected have been put in at proper distances throughout the works as pre-

## FRANK WEISE,

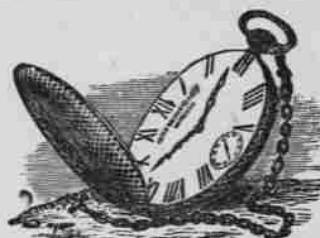
WATCHMAKER and JEWELER

MORENCI, ARIZONA.

Dealer In

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cautionary measures against fire and the pressure will be twenty pounds to the square inch. A walk has been built along every shaft so that any part of the mill can be conveniently reached. All the wooden floors are double with B. & B. roofing between. The plant is supplied with seven pumps, four of which will be running all the time, keeping in circulation 1,400 gallons of water. The capacity of the mill be six hundred tons and from 200 to 250 tons of ore will be running constantly.

### NOTES BY THE WAY.

Business is good in every department of trade.

Mrs. Doctor Schell and Miss Mildred Schell visited Clifton Tuesday afternoon.

A grand ball will be given by the society young people of Morenci this evening.

Misses Golddecker and Bradfield came up from Clifton Sunday afternoon to visit friends.

W. B. Hunt, "Schilling's Best" man, was hustling around among the business men Saturday.

Harry Talliaferro, the accommodating deputy postmaster, has gone to Phoenix to attend the carnival.

The great concentrating plant of the D. C. M. Co., which is nearing completion, will be started up about Jan. 1.

Morris Simon, representing Albert Matias, of El Paso, was interviewing the merchants of Morenci Friday and Saturday.

Through the instrumentality of the company the town has recently been cleaned up and presents a very neat appearance.

Gordon McLean is making preparations to build a forty-room lodging

house just above the D. C. M. Co's store. Shacks are now being removed from the site and the ground cleaned for the foundation. It will be two stories.

Dr. H. A. Schell is having a very pretty and commodious residence built just south of the neat and imposing building in which he and his family reside.

Robert Steggall, proprietor of the American Restaurant, will have as his partner after the first Joe Tanner, a first-class cook and all-round hotel man.

Owing to a large increase in business the D. C. M. Co. have found it necessary to erect a large, two-story warehouse at their store, and it is now in course of construction.

It takes three days for the D. C. M. Co. to pay off their nine hundred men, and the paymaster was busily engaged in that capacity last Wednesday, Thursday and Friday.

The D. C. M. Co. have the plans and specifications prepared for a fine three-story brick and iron store building in the cove southwest of their present store and work will be inaugurated upon the building as soon as the material can be placed upon the ground.

C. W. Marks, the quiet and good-natured photographer, is enjoying a remunerative business. Mr. Marks has recently bought property in Morenci and is preparing to fit up one of the nicest galleries in the Southwest. First-class work and honest dealing always pays.

The big smoke stack at the works of the D. C. M. Co. is about completed and will be connected with the various departments in a few days. It will carry off all the smoke and dust produced by the workings of the machinery and when completed will render work more agreeable for the employees.